

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL COMPOUNDS WITH ANALGESIC EFFECT, the specification of which

☐ is attached hereto.

☐ was filed on as Application No. and was amended on .

☒ was filed on 11 December 1996 as PCT International Application No. PCT/SE96/01635 .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed:

<u>Application Serial No.</u>	<u>Country</u>	<u>Filing Date (Day/Month/Year)</u>	<u>Priority Claimed (Yes/No)</u>
9504661-1	SE	22 December 1995	YES

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT International Application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application
Serial No.

Filing Date

Status (Patented,
Pending, Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Robert A. Armitage (Registration No. 27,417), Rodney M. Anderson (Registration No. 31,939), Steven R. Borgman (Registration No. 33,160), Valerie S. Boutwell (Registration No. 36,754), W. Scott Brown (Registration No. 32,968), Leslie J. Clark (Registration No. 34,800), Laura A. Crowe (Registration No. 35,850), G. Harvey Dunn, III (Registration No. 31,102), Barry E. Engel (Registration No. P-37,127), A.H. Evans (Registration No. 22,032), Kevin M. Hart (Registration No. 36,823), William L. LaFuze (Registration No. 27,205), Stephen L. Levine (Registration No. 33,413), Alan W. Lintel (Registration No. 32,478), J. Clark Martin (Registration No. 26,198), Peter E. Mims (Registration No. 32,429), W. Ronald Robins (Registration No. 26,222), Michael A. Sanzo (Registration No. 36,912), Jerry R. Selinger (Registration No. 26,582), Jack R. Springgate (Registration No. 17,385), Alan R. Thiele (Registration No. 30,694), Darrell E. Warner (Registration No. 36,046), and Karen Tucker White (Registration No. 34,267), all registered to practice before the Patent and Trademark Office as my attorneys with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith and request that all correspondence and telephone communications be directed to the following person(s) at the mailing address and telephone number hereafter given:

Name	:	Robert A. Armitage
Registration No.	:	27,417
Address	:	Vinson & Elkins L.L.P.; Suite 800 1455 Pennsylvania Avenue, N.W. Washington, D.C. 20004-1008
Telephone No.	:	(202) 639-6692

Inventor's Signature *E. Roberts* **Date** *Feb 28, 1992*
Full name of sole or first inventor: Edward Roberts
Residence: St Lazare de Vaudreuil, Canada Citizenship: British
Post Office Address: 2541 Chestnut Circle, St Lazare de Vaudreuil, Quebec J7T 2A1, Canada

Inventor's Signature *Niklas Plobeck* **Date** *Feb 28, 1992*
Full name of second joint inventor: Niklas Plobeck
Residence: Ville St Laurent, Canada Citizenship: Swedish
Post Office Address: 4655 Boul. Henri-Bourassa West, Apt 412, Ville St Laurent, Quebec H4L 5H6, Canada

Inventor's Signature *[Signature]* **Date** *February 28, 1992*
Full name of third joint inventor: Claes Wahlestedt
Residence: Montreal, Canada Citizenship: Swedish
Post Office Address: 6 Chelsea Place, Montreal, Quebec H3G 2J9, Canada



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEBRUARY 16, 1999

PTAS

VINSON & ELKINS L.L.P.
MICHAEL A. SANZO
2300 FIRST CITY TOWER
1001 FANNIN
HOUSTON, TX 77002-6760

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100902073A

FEB 22 1999

Docket Sec.
Vinson & Elkins

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 09/24/1998

REEL/FRAME: 9531/0722

NUMBER OF PAGES: 4

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE NAME OF THE ASSIGNEE, PREVIOUSLY RECORDED ON REEL 9232, FRAME 0471, ASSIGNOR HEREBY CONFIRMS THE ASSIGNMENT OF THE ENTIRE INTEREST.

ASSIGNOR:

ROBERTS, EDWARD

DOC DATE: 02/28/1997

ASSIGNOR:

PLOBECK, NIKLAS

DOC DATE: 02/28/1997

ASSIGNOR:

WAHLESTEDT, CLAES

DOC DATE: 02/28/1997

ASSIGNEE:

ASTRA PHARMA INC.
1004 MIDDLEGATE ROAD
MISSISSAUGA, ONTARIO L4Y 1M4,
CANADA

*ABA 300
4-26*

SERIAL NUMBER: 08836830

FILING DATE: 04/24/1997

PATENT NUMBER:

ISSUE DATE:

9531/0722 PAGE 2

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
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02-05-1999

FORM PTO-1594 (Rev. 6-93)

OBM No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

100902073

To the Honorable Commissioner of Patents and Trademarks. This document is an original document or copy thereof: 43

1. Name of conveying party(ies):

Edward Roberts, Niklas Plobeck, Claes Wahlestedt

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Astra Pharma Inc.

Internal Address: _____

Street Address: 1004 Middlegate RoadCity/State/ZIP: Mississauga, Ontario L4Y 1M4Canada

Additional name(s) & address(es)

attached?

☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other Request for Correction of Receiving PartyExecution Date: February 28, 1997

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/836,830

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael A. Sanzo

Internal Address: _____

Street Address: Vinson & Elkins L.L.P.
2300 First City Tower
1001 FanninCity/State/ZIP: Houston, TX 77002-6760

6. Total number of applications and patents involved:

17. Total Fee (37 C.F.R. § 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael A. Sanzo
Name of Person SigningMichael A. Sanzo
SignatureSeptember 4, 1998
Date

Total number of pages including cover sheet, attachments, and documents:

3Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

FORM6-03.WP5

09/29/1998 JMW/KLS
01 FC:581

PATENT/Docket No.: N 1479-1P US

ASSIGNMENT TO ASTRA PHARMA Inc.

Title: NOVEL COMPOUNDS WITH ANALGESIC EFFECT
Inventors: Edward Roberts, Niklas Plobeck and Claes Wahlestedt
PCT Appl. No: PCT/SE96/01635
Intn'l Filing Date: 11 December 1996
Execution Date of Application:

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto ASTRA PHARMA Inc., a corporation of Canada having a place of business at 1004 Middlegate Road, Mississauga, Ontario L4Y 1M4, Canada, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to ASTRA PHARMA Inc., its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to ASTRA PHARMA Inc., or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to ASTRA PHARMA Inc.; make all rightful oaths; and generally do everything possible to aid ASTRA PHARMA Inc., its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

FULL NAME OF FIRST/SOLE INVENTOR: Edward Roberts

Signature of Inventor: 

Address: 2541 Chestnut Circle, St Lazare de Vaudreuil, Quebec, Canada J7T 2A1

Date: Feb. 28, 1997

FULL NAME OF SECOND/JOINT INVENTOR: Niklas Plobeck

Signature of Inventor: 

Address: 4655 Boul. Henri-Bourassa West, Apt 412, Ville St Laurent, Quebec, Canada H4L 5H6

Date: Feb. 28, 1997

FULL NAME OF THIRD/JOINT INVENTOR: Claes Wahlestedt

Signature of Inventor: 

Address: 6 Chelsea Place, Montreal, Quebec H3G 2J9, Canada

Date: February 28, 1997



UNITED STATES DEPARTMENT OF COMMERCE
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AUGUST 13, 2003

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FITCH, EVEN, TABIN ET.AL.
MICHAEL A SANZO
1801 K STREET, N.W., SUITE 401L
WASHINGTON, D.C. 20006-1201



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RECORDATION DATE: 08/12/2003

REEL/FRAME: 013869/0266
NUMBER OF PAGES: 4

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ASTRA PHARMA INC.

DOC DATE: 12/22/1999

ASSIGNEE:

ASTRAZENECA CANADA INC.
1004 MIDDLEGATE ROAD
MISSISSAUGA, ONTARIO, CANADA

SERIAL NUMBER: 09631116
PATENT NUMBER:

FILING DATE: 08/02/2000
ISSUE DATE:

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FITCH EVEN
08/12/2003
700039845

RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Astra Pharma Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>AstraZeneca Canada Inc.</u> Internal Address: _____ _____ Street Address: <u>1004 Middlegate Road</u> _____ City/State/ZIP: <u>Mississauga, Ontario L4Y 1M4</u> <u>CANADA</u> _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input type="checkbox"/> Assignment <input checked="" type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>December 22, 1999</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/631,116</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Michael A. Sanzo</u> Internal Address: _____ _____ Street Address: <u>Fitch, Even, Tabin & Flannery</u> <u>1801 K Street, N.W.</u> <u>Suite 401L</u> City/State/ZIP: <u>Washington, D.C. 20006-1201</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 C.F.R. § 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>06-1135 Under Order No. 7567/73128</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>Michael A. Sanzo</u> <u>Michael A. Sanzo</u> <u>August 12, 2003</u> Name of Person Signaling Signature Date Total number of pages including cover sheet, attachments, and document: <u>5</u>		

Mail documents to be recorded with required cover sheet information to:
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FORM-03.WP3

CPI \$40.00 061135 096-1116

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Company: MICHAEL A SANZO
Fax Number: 12024197007
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2	272.TXT
3	Document 1, Batch 252482

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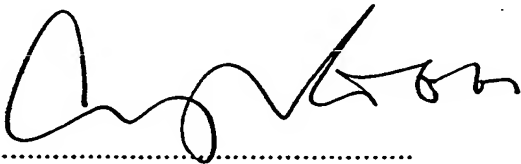
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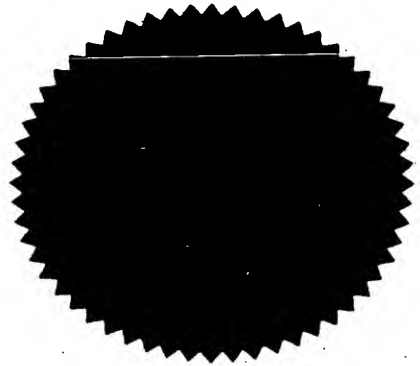
AUG 13 2003

FETF. D.C.

I **ANTHONY JANION GIBBS** of Wilmslow, Cheshire, England, Notary Public duly authorised admitted and sworn and practising within the United Kingdom of Great Britain and Northern Ireland **do hereby certify** that the photostat matter hereto annexed is a true copy of a document the original of which was produced to me at Macclesfield, Cheshire, England, this 22nd day of June in the year two thousand.



.....
Anthony Janion Gibbs
Notary Public



CANADA

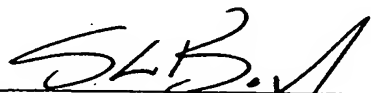
PROVINCE OF ONTARIO

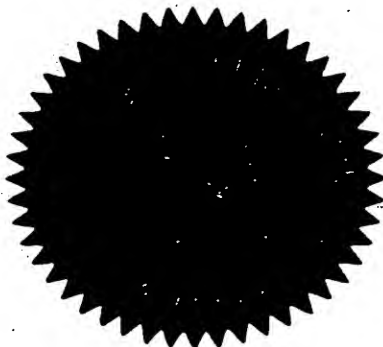
CITY OF TORONTO

TO WIT:


I, STEPHEN DOUGLAS BODLEY, a Notary Public in and for the Province of Ontario, by Royal Authority duly appointed, residing in the City of Toronto in the said Province DO HEREBY CERTIFY that the paper writing hereto annexed, the first page of which is stamped with an impression of my seal, is a true and correct photostatic copy of documents produced and shown to me out of custody of Blake, Cassels & Graydon LLP, Toronto, Ontario and purporting to be the original Certificate and Articles of Amendment of **ASTRAZENECA CANADA INC.** issued by the Ministry of Consumer and Commercial Relations and dated December 31, 1999, the said photostatic copy having been compared by me, page for page, with the said original documents, an act whereof being requested I have granted the same under my hand and notarial seal of office to serve and avail as occasion shall or may require.

DATED at Toronto this *13th* day of *March*, 2000.


A Notary Public in and for
the Province of Ontario





 Ministry of
Consumer and
Commercial Relations

CERTIFICATE

This is to certify that those
articles are effective on

DECEMBER 31 DÉCEMBRE, 1999

**Ministère de
la Consommation
et du Commerce**

CERTIFICAT

Ceci certifie que les présents
statuts entrent en vigueur le

Ontario Corporation Number
N^o de la société en Ontario

77196

1.

Ant D. Lin

Director / Directeur
Business Corporations Act / Loi sur les sociétés par actions

ARTICLES OF AMENDMENT
STATUTS DE MODIFICATION

Form 3
Business
Incorporations
Act

Formule 3
xi sur les
ciétés par
actions

- 1. The name of the corporation is:**

Dénomination sociale de la société:

[illegible]

2. The name of the corporation is changed to (if applicable): Nouvelle dénomination sociale de la société (s'il y a lieu):

[illegible]

- 3. Date of incorporation/amalgamation:**

Date de la constitution ou de la fusion:

1954 JUNE 28

(Year, Month, Day)
(année, mois, jour)

4. The articles of the corporation are amended as follows: *Les statuts de la société sont modifiés de la façon suivante.*

To change the name of the Corporation to:

ASTRAZENECA CANADA INC.

5. The amendment has been duly authorized as required by Sections 168 & 170 (as applicable) of the Business Corporations Act.

La modification a été dûment autorisée conformément aux articles 168 et 170 (selon le cas) de la Loi sur les sociétés par actions.

6. The resolution authorizing the amendment was approved by the shareholders/directors (as applicable) of the corporation on

Les actionnaires ou les administrateurs (selon le cas) de la société ont approuvé la résolution autorisant la modification le

1999 DECEMBER 22

(Year, Month, Day)
(année, mois, jour)

These articles are signed in duplicate.

Les présents statuts sont signés en double exemplaire.

ASTRA PHARMA INC.

(Name of Corporation)
(Dénomination sociale de la société)

By/Par:

(Signature)
(Signature)

(Description of Office)
(Fonction)